

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102822\
 Data File : BG055358.D
 Acq On : 29 Oct 2022 2:12
 Operator : CG/JU
 Sample : N5237-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LSP-GW-01

Quant Time: Oct 29 04:57:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 29 04:52:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	30939	20.000	ng	0.00
21) Naphthalene-d8	11.091	136	133361	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	92170	20.000	ng	0.00
64) Phenanthrene-d10	17.607	188	207549	20.000	ng	# 0.00
76) Chrysene-d12	21.878	240	208416	20.000	ng	-0.01
86) Perylene-d12	25.269	264	214922	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	110942	62.787	ng	0.00
7) Phenol-d6	7.407	99	88055	34.398	ng	0.00
23) Nitrobenzene-d5	9.434	82	236762	90.655	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	175750	175.405	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	567121	100.709	ng	-0.01
79) Terphenyl-d14	20.180	244	1046488	104.324	ng	0.00

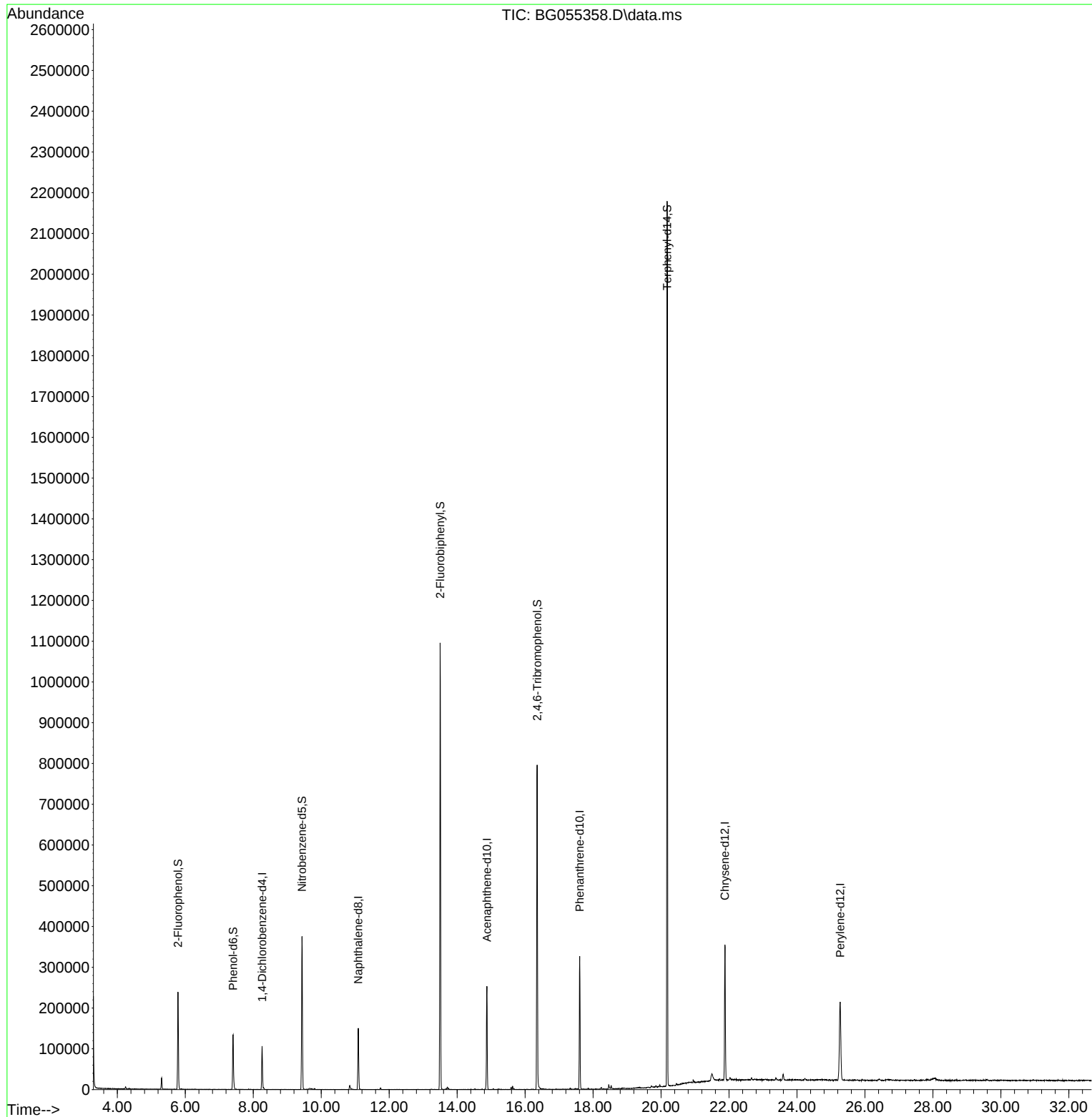
Target Compounds Qvalue

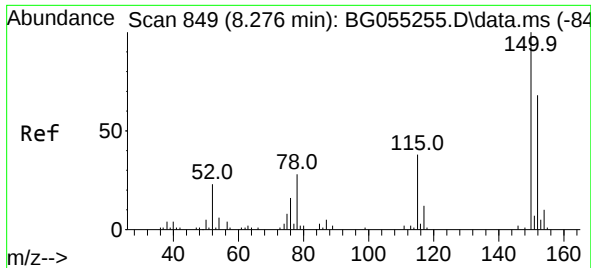
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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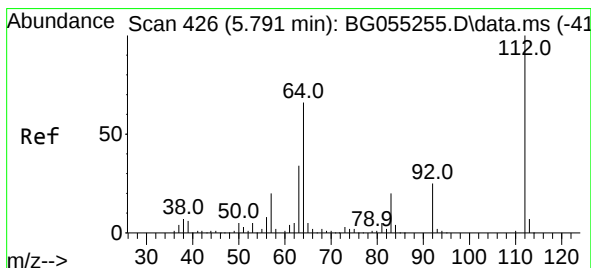
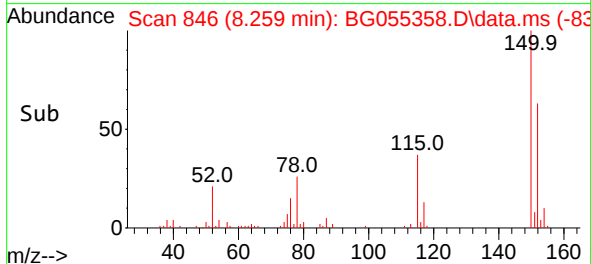
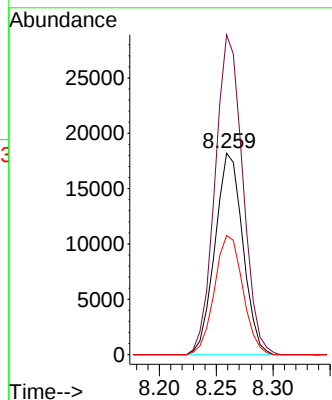
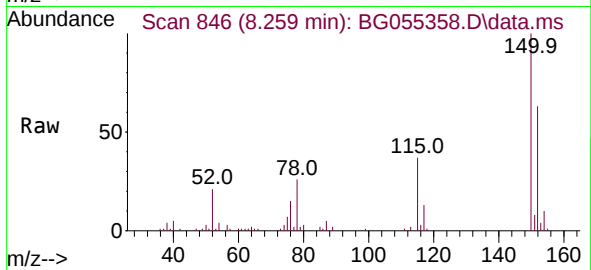




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

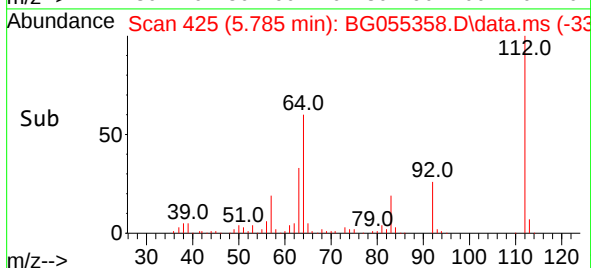
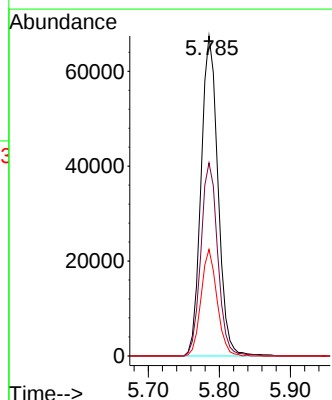
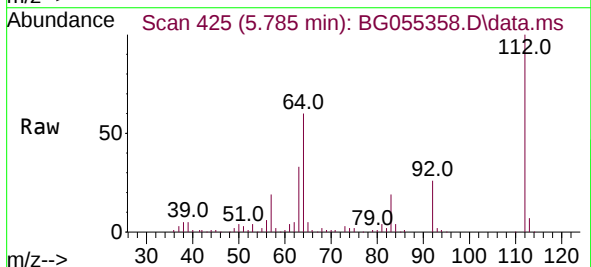
Instrument :
BNA_G
ClientSampleId :
LSP-GW-01

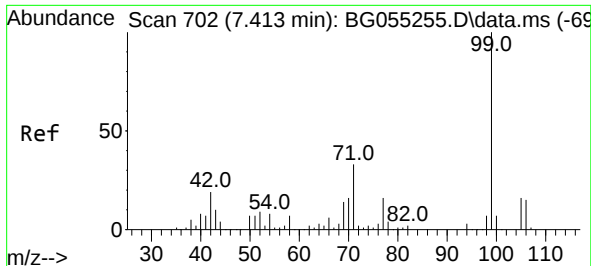
Tgt Ion:152 Resp: 30939
Ion Ratio Lower Upper
152 100
150 159.0 118.2 177.4
115 59.2 44.5 66.7



#5
2-Fluorophenol
Concen: 62.787 ng
RT: 5.785 min Scan# 425
Delta R.T. 0.000 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:112 Resp: 110942
Ion Ratio Lower Upper
112 100
64 60.3 52.6 78.8
63 33.3 27.1 40.7

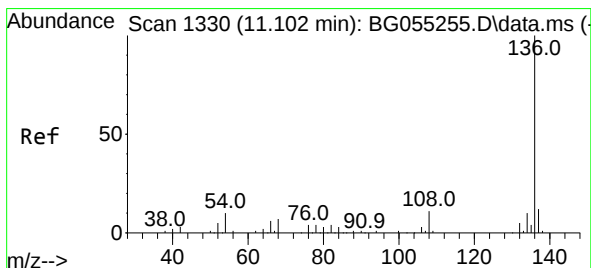
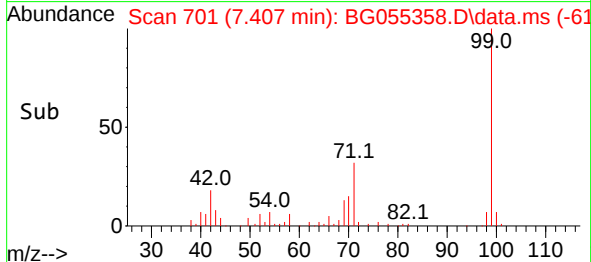
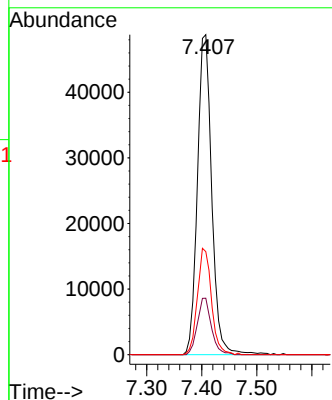
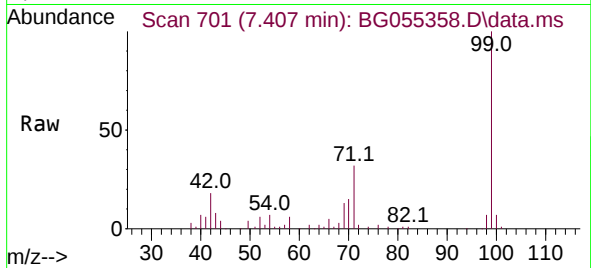




#7
Phenol-d6
Concen: 34.398 ng
RT: 7.407 min Scan# 70
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

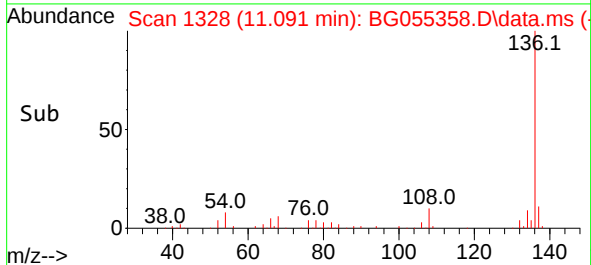
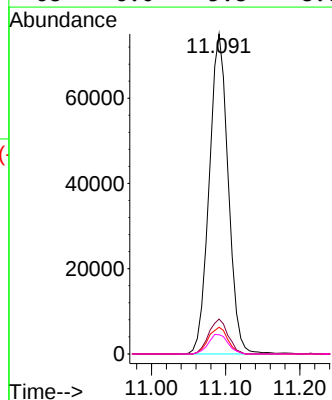
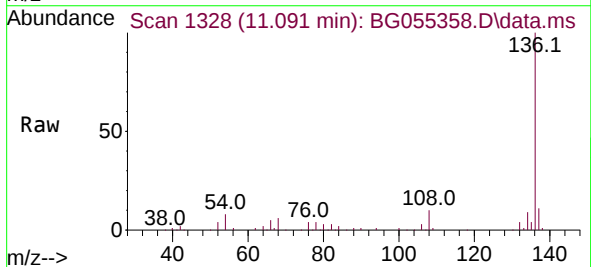
Instrument :
BNA_G
ClientSampleId :
LSP-GW-01

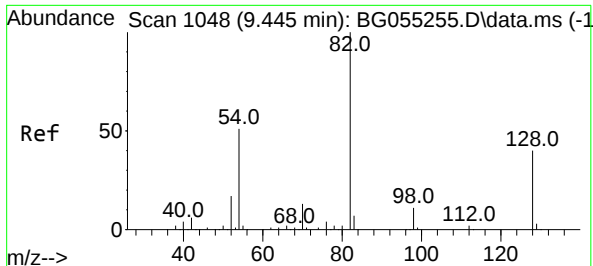
Tgt Ion: 99 Resp: 88055
Ion Ratio Lower Upper
99 100
42 17.6 15.2 22.8
71 32.2 26.2 39.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.091 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:136 Resp: 133361
Ion Ratio Lower Upper
136 100
137 10.9 9.2 13.8
54 8.3 7.8 11.8
68 6.0 5.8 8.6





#23

Nitrobenzene-d5

Concen: 90.655 ng

RT: 9.434 min Scan# 1046

Delta R.T. -0.006 min

Lab File: BG055358.D

Acq: 29 Oct 2022 2:12

Instrument :

BNA_G

ClientSampleId :

LSP-GW-01

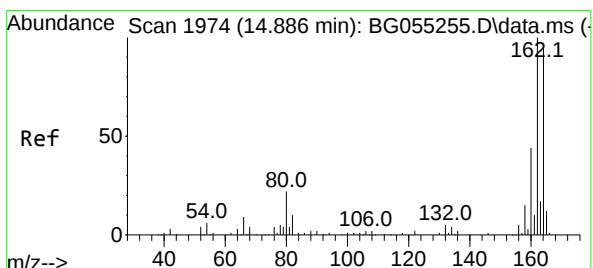
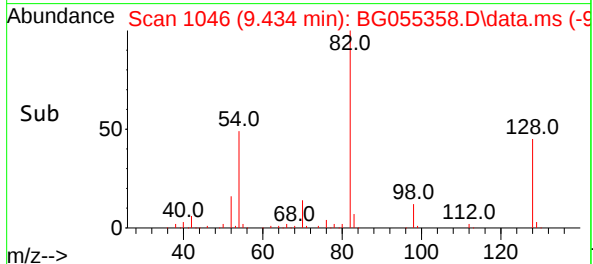
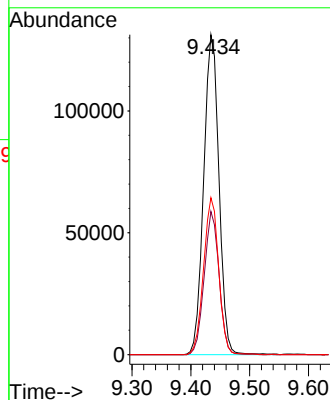
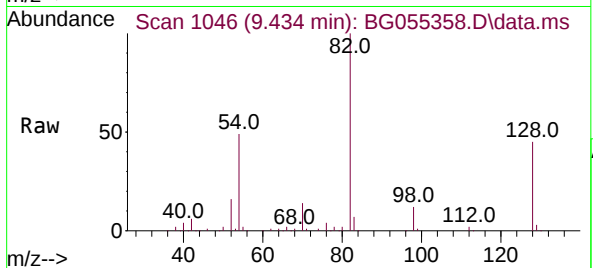
Tgt Ion: 82 Resp: 236762

Ion Ratio Lower Upper

82 100

128 44.7 32.0 48.0

54 49.0 40.9 61.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.006 min

Lab File: BG055358.D

Acq: 29 Oct 2022 2:12

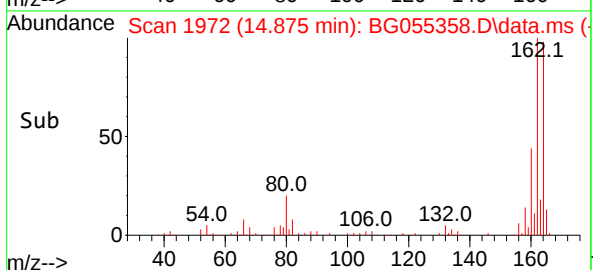
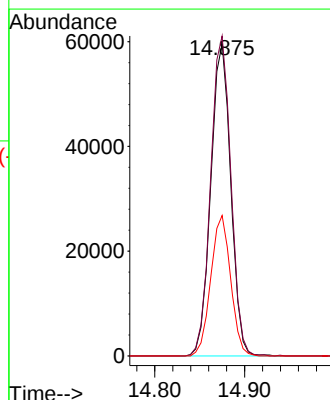
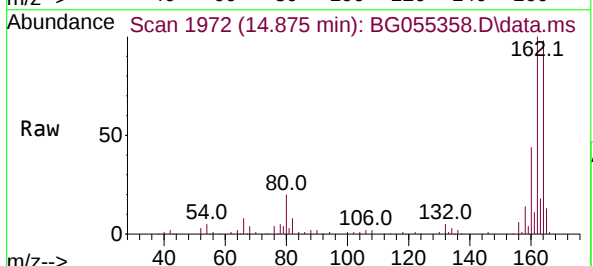
Tgt Ion:164 Resp: 92170

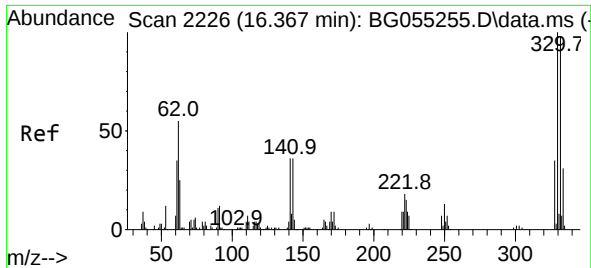
Ion Ratio Lower Upper

164 100

162 102.5 84.0 126.0

160 45.0 36.7 55.1

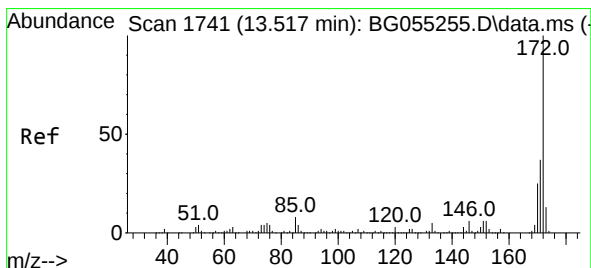
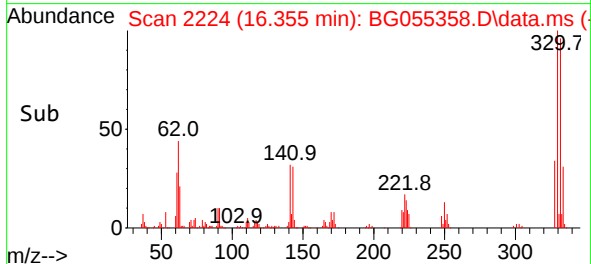
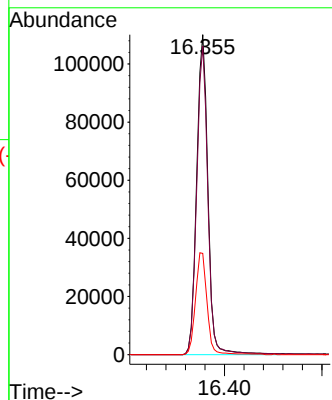
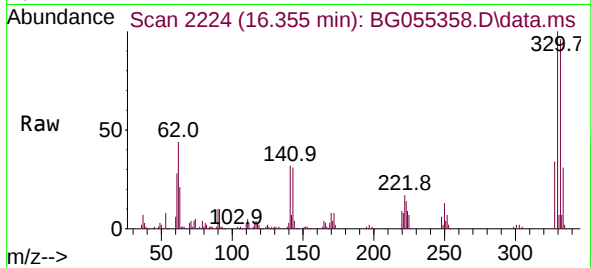




#42
2,4,6-Tribromophenol
Concen: 175.405 ng
RT: 16.355 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

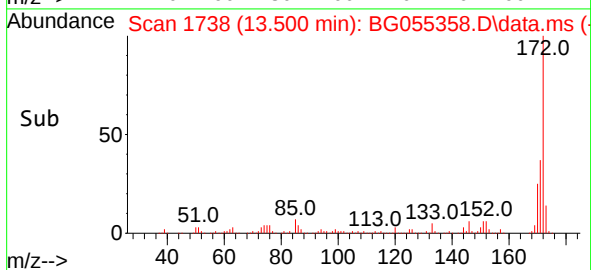
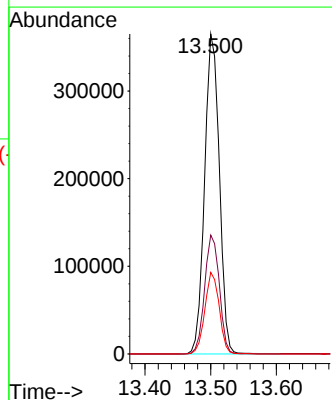
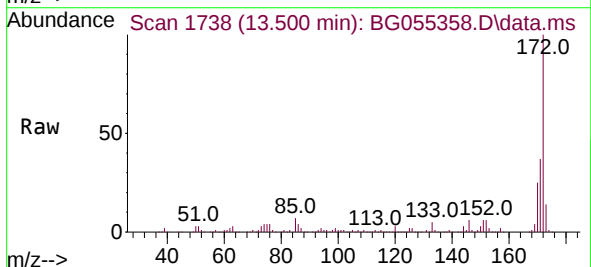
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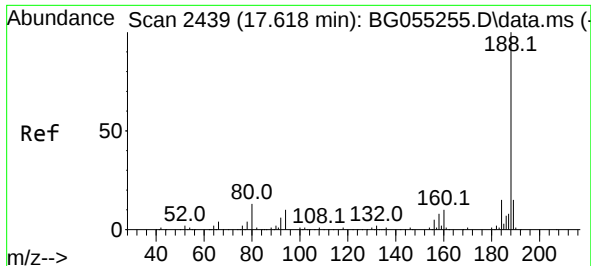
Tgt Ion:330 Resp: 175750
Ion Ratio Lower Upper
330 100
332 94.9 77.4 116.0
141 32.6 29.8 44.8



#45
2-Fluorobiphenyl
Concen: 100.709 ng
RT: 13.500 min Scan# 1738
Delta R.T. -0.012 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:172 Resp: 567121
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 25.5 20.2 30.2

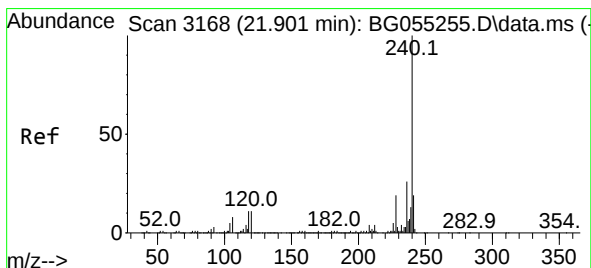
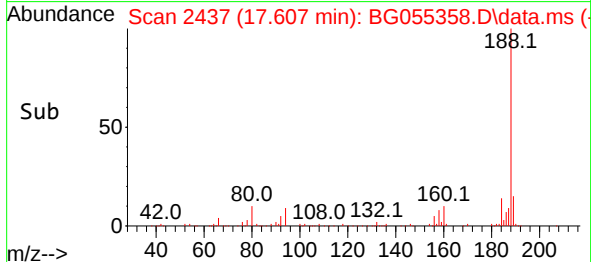
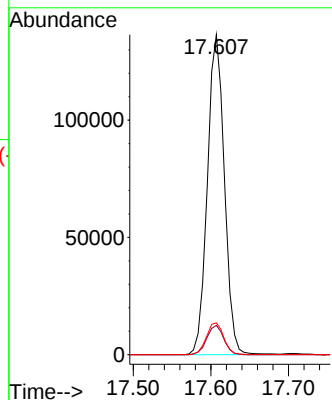
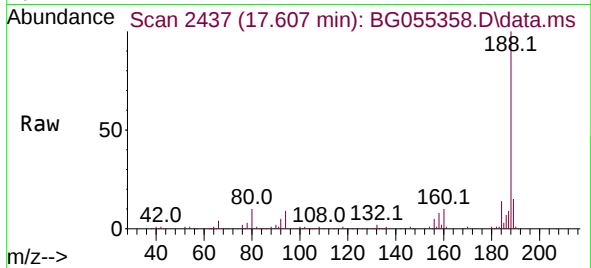




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.607 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

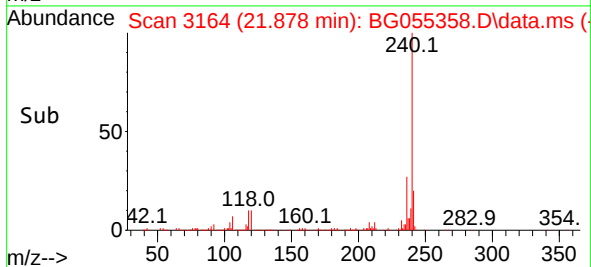
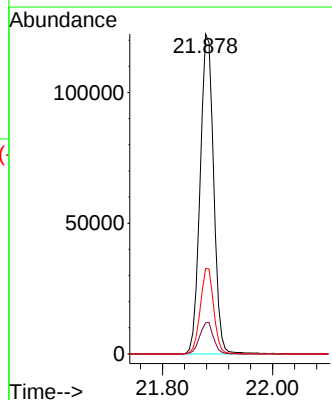
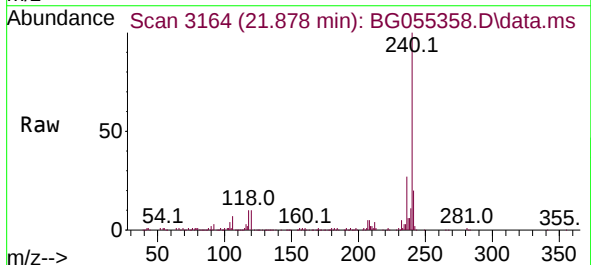
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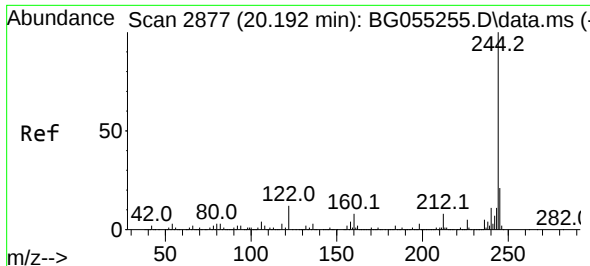
Tgt Ion:188 Resp: 207549
Ion Ratio Lower Upper
188 100
94 9.1 8.2 12.4
80 9.9 10.1 15.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.878 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:240 Resp: 208416
Ion Ratio Lower Upper
240 100
120 9.7 8.9 13.3
236 26.7 21.0 31.4

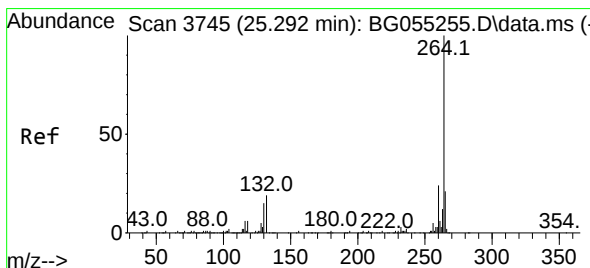
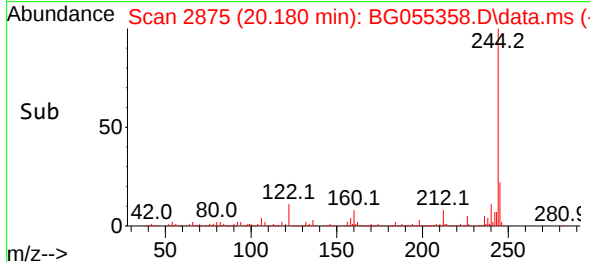
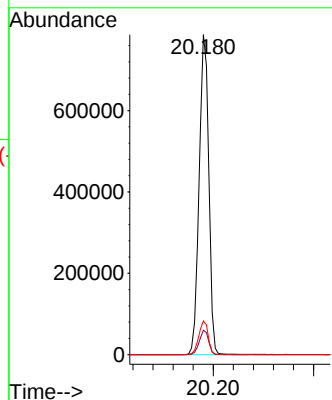
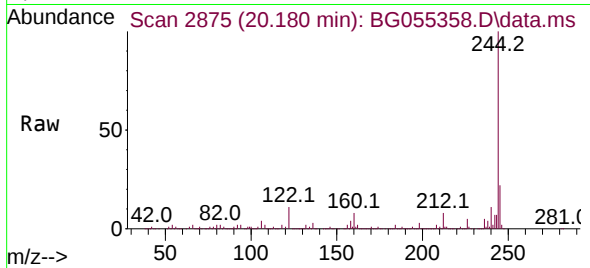




#79
Terphenyl-d14
Concen: 104.324 ng
RT: 20.180 min Scan# 2875
Delta R.T. -0.006 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Instrument :
BNA_G
ClientSampleId :
LSP-GW-01

Tgt Ion:244 Resp: 1046488
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 10.5 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.269 min Scan# 3741
Delta R.T. -0.018 min
Lab File: BG055358.D
Acq: 29 Oct 2022 2:12

Tgt Ion:264 Resp: 214922
Ion Ratio Lower Upper
264 100
260 24.4 19.5 29.3
265 22.1 17.4 26.2

